



Philips Halogen PAR20
Electronic Lamps

*Ideal for accent lighting
in retail, hospitality and
commercial buildings*

ENERGY SAVING

Energy savings in a small reflector

Philips Halogen PAR20 Electronic Lamp. Replace your 50W halogen PAR20 with the new energy saving 20W PAR20 electronic to enjoy 30W in energy savings and up to twice the life*.

Energy savings

- Provides 30W savings and up to twice the life compared to a standard 50W halogen PAR20 lamp*

5000 hours rated average life¹

Available in 25° flood and 10° spot

Excellent quality of light

- Efficient low-voltage halogen burner
- Philips designed optics for optimal accent light

Consists of a low voltage halogen burner and integrated transformer in a PAR20 envelope

* Based on a standard 50W halogen PAR20 with a rated average life of 2500 hours vs. a Philips 20W halogen PAR20 electronic with a rated average life of 5000 hours.

1) See back page for footnote.

PHILIPS
sense and simplicity

Philips Halogen PAR20 Electronic Lamps

Ordering, Electrical and Technical Data

Product Number	Ordering Code	Watts	Volts	Pack. Qty.	Description	Bulb Type	Base	Rated Avg. Life (Hrs.) ¹	Approx. MBCP ²	CRI	CCT (K)	MOL (In.)
15216-5	PAR20E/FL25	20	120	12	Flood 25°	PAR20	Medium	5000	1200	100	2900	3 5/8
40494-7	PAR20E/SP10	20	120	12	Spot 10°	PAR20	Medium	5000	6500	100	2900	3 5/8

Shipping Data

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs.)	Case Cube (cu. ft.)	Pallet Qty.	SKUs Per Layer	Layers High	SKU Dimensions (W x D x H)(In.)	Case Dimensions (W x D x H)(In.)	Pallet Dimensions (W x D x H)(In.)
15216-5	15216-1	15216-6	12	4.1	0.32	1080	180	10	2.36 x 2.36 x 3.74	9.84 x 12.44 x 4.57	47.17 x 39.37 x 33.31
40494-7	40494-9	40494-4	12	4.1	0.32	1080	180	10	2.36 x 2.36 x 3.74	9.84 x 12.44 x 4.57	47.17 x 39.37 x 33.31

1) Rated average life is the length of operation (in hours) at which point an average of 50% of the lamps will still be operational and 50% will not.

2) Maximum Beam Candlepower

To avoid deterioration of lampholder by heat, use only heat resistant lampholders or fixtures listed by a nationally recognized electrical testing organization for use with reflector or PAR lamps.

NOTICE: Before using bulb, see operating instructions on inside flap. Adherence to the operating instructions will reduce the risk of personal injury or fire.

CAUTION: The filament capsule contained inside this glass bulb is pressurized, operates at high temperature and could unexpectedly shatter. Should the outer bulb break, particles of extremely hot glass could be discharged into the fixture and/or the surrounding environment, thereby creating a risk of personal injury or fire.

Above specifications subject to change without notice.

OPERATING INSTRUCTIONS: Before replacing, turn off power and let lamp cool to avoid electrical shock or burn.

— For indoor or outdoor use. A weather-protected fixture is recommended for wet locations.

— Suitable for use in open fixtures.

— Do not exceed the maximum wattage rating of the fixture.

— Do not use if outer glass is scratched or broken since it may break during operation or removal.

— If outer glass breaks the lamp may continue to light, however, immediately discontinue use.

— Due to the heat that radiates from the bulb, do not use in close proximity to combustible materials or objects susceptible to drying or fading.

— Manage in accord with disposal laws.

— **MAXIMUM ALLOWABLE TEMPERATURE:** To prevent over heating of the electronic circuit inside, the case temperature, T_c must not exceed 100°C.

Energy saving example

Estimated Lighting Costs Using a Standard 50W Halogen PAR20	
Present Wattage	50W
x Annual operating hours	3,000
	= 150,000 watts per year
÷ 1,000	= 150 kWh per year
x kWh rate of \$.10	= \$15 per year
x 100 lamps per space	= \$1,500
	annual energy cost per space
Lighting Costs Using the Philips 20W Halogen PAR20 Electronic	
Wattage	20W
x Annual operating hours	3,000
	= 60,000 watts per year
÷ 1,000	= 60 kWh per year
x kWh rate of \$.10	= \$6 per year
x 100 lamps per space	= \$600
	annual energy cost per space
Total Estimated Annual Savings	= \$900
Based on 100 lamps per space operating 3,000 hours per year	

This energy saving example shows an application of 100 lamps in a space currently using standard 50W PAR20 lamps, operating 3,000 hours per year at a cost of \$.10 per kWh.

As you can see, replacing 100 standard halogen 50W PAR20 lamps with the Philips halogen PAR20 electronic lamps (with similar candlepower) can provide significant energy cost savings of possibly \$900 per year! Potential savings from the reduction in HVAC costs as a result of using a lower wattage lamp that emits less heat is an additional benefit that was not included in this example.

Upgrade your lighting using the PAR20 Electronic

Standard Halogen PAR20	Halogen PAR20 Electronic			
	PAR20 Electronic	Energy Savings	Energy Savings in dollars*	Increased Lifetime
50W	replace with 20W	save 30W	results in \$9.00	enjoy up to 2x

*Savings based on \$.10 kWh at 3000 operating hours annually compared to lamps with similar light output.



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Printed in USA 11/08
P-5888-B
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